Dennis J. Seith

Business Unit Leader Whiting Business Unit



BP Products North America Inc. 2815 Indianapolis Boulevard Whiting, IN 46394-0710 USA

CERTIFIED MAIL RETURN RECEIPT REQUESTED April 27, 2004

Indiana Department of Environmental Management OWQ Data Management Section 100 North Senate Avenue P.O. Box 6015 Indianapolis, IN 46206-6015

NPDES Permit No. 0000108, Serials 001, 002, 003, and 004

Direct 219 473 3179 Fax 219 473 3504 Mobile 219 545 5297 seithdj@bp.com

Effluent quality data and Discharge Monitoring Report forms from the BP Products North America Inc. - Whiting Business Unit for the month of March 2004, are attached. Effluent quality from the wastewater treatment plant for the month was excellent. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions or need any additional information, please contact R. A. Harris at (219) 473-3321.

Sincerely,

Dennis J. Seith

Business Unit Leader

Attachments

NAME/TITLE PRINCIPAL EXECUTVE OFFICER **EFFLUENT GROSS VALUE** SULFIDE, TOTAL **EFFLUENT GROSS VALUE** 00610 OIL & GREASE (FREON EXTR.-**EFFLUENT GROSS VALUE** SOLIDS, TOTAL BOD, 5-DAY 00745 NITROGEN, AMMONIA TOTAL EFFLUENT GROSS VALUE 00560 IR METH)TOT,RC 00530 SUSPENDED **EFFLUENT GROSS VALUE** 00400 **EFFLUENT GROSS VALUE EFFLUENT GROSS VALUE** 00310 NAME (AS N) 00335 (LOW LEVEL) (COD) OXYGEN DEMAND, CHEM. AT N LOCATION WHITING FACILITY **ADDRESS** PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) Authorized Agent: Business Unit Leader Dennis J. PARAMETER OR AUTHORIZED AGENT TYPED OR PRINTED WHITING REFINERY **BP PRODUCTS NORTH AMERICA INC BP PRODUCTS NORTH AMERICA INC.** DENNIS J. SEITH 2815 INDIANAPOLIS BOULEVARD WHITING Seith (20 DEG. C) 0 0 0 (ASS) SAMPLE MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT TANDON TANDA 전환(이) 내려가 되었는지 TO STATE WITH PLANT MGR SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE 11 N. S. S. S. S. MIN SEEK for knowing violations. I certify under penalty of law that this document and all attachments were submitting false information, including the possibility of fine or imprisonmen accurate, and complete. I am aware that there are significant penalties for the information submitted is, to the best of my knowlege and belief, true, system, or those persons directly responsible for gathering the information, information submitted. Based on my inquiry of the persons who manage the designed to assure that qualified personnel properly gather and evaluate the prepared under my direction or supervision in accordance with a system AVERAGE 4741 **4**32 1438 233 QUANTITY OR LOADING MAXIMUM NATIONAL POLLUTANT DISCHARGÉ ELIMINATION SYSTEM (NPDES) MAJOR 5985 3459 ر د 544 233 PERMIT NUMBER MO DISCHARGE MONITORING REPORT (DMR) 8010000NI LBS/DY STIND LBS/DY LBS/DY LBS/DY LBS/DY LBS/DY ****** 2 26) 26) 26) 26) 26) 26) MONITORING PERIOD YEAR 04 <u>ರ</u> DISCHARGE NUMBER SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT QUANTITY OR CONCENTRATION <u>≤</u> **AVERAGE** 47 13.5 0.02 YEAR For Any Questions call Jeff Ewick at 317-233-0676 MAXIMUM 29.0 62 0.024.9 ** 94 NOTE: Read Instructions before completing this form EFFLUENT F-FINAL 219 |473-3179 NO DISCHARGE (19) STINU (19) MG/L (19) (19) MG/L TELEPHONE MG/L MG/L MG/L MG/L 12) 19) S 19 0460 NUMBER 贝 O 0 0 0 0 0 WEEK Approval Expires 05-31-98 OMB No. 2040-0004 Form Approved NEE NEE WEEK-DAY 8 B/WEEK MEEKLY 3/WEEK NEEK. FREQUENCY SAMPLE TIMES/ ANALYSIS **≅** TIMES/ TIMES/ W DAY S) DATE COMP GRAB COMP COMP COMP COMP GRAB YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here)

INDUSTRIAL MAJOR

NAME/TITLE PRINCIPAL EXECUTVE OFFICER znone **EFFLUENT GROSS VALUE** 82220 FLOW, TOTAL **EFFLUENT GROSS VALUE** 50050 FLOW, IN CONDUIT OR THRU **EFFLUENT GROSS VALUE** 32730 RECOVERABLE EFFLUENT GROSS VALUE 01034 CHROMIUM, TOTAL EFFLUENT GROSS VALUE 01032 (AS CR) CHROMIUM, HEXAVALENT LOCATION WHITING FACILITY znone TREATMENT PLANT PHENOLICS, TOTAL PARAMETER Authorized Agent: Business Unit Leader Dennis J. Seith OR AUTHORIZED AGENT TYPED OR PRINTED BP PRODUCTS NORTH AMERICA INC DENNIS J. SEITH, **WHITING** 0 0 0 0 (AS MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT 지글(이라)(지글)(크)이 ENERGERATION. PLANT MGR SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE for knowing violations. submitting false information, including the possibility of fine or imprisonment accurate, and complete. I am aware that there are significant penalties for the information submitted is, to the best of my knowlege and belief, true, system, or those persons directly responsible for gathering the information. designed to assure that qualified personnel properly gather and evaluate the I certify under penalty of law that this document and all attachments were information submitted. Based on my inquiry of the persons who manage the prepared under my direction or supervision in accordance with a system **AVERAGE** 20.5 L1.112.6 . 07 **QUANTITY OR LOADING** MAXIMUM **~**1.1 **10.6** 14.5 <u>ر</u> OM PERMIT NUMBER LBS/DY STIND LBS/DY MGAL _BS/DY MGD 3R) 26) 26) ၀ ၂ 26 MONITORING PERIOD YEAR 2 MUMUM 뒪 DISCHARGE NUMBER SIGNATURE OF OFFICER OR AUTHORIZED AGENT QUANTITY OR CONCENTRATION **S**O **^**0.01 DAY 40.01 **2**0.005 **AVERAGE** PRINCIPAL EXECUTIVE YEAR For Any Questions call Jeff Ewick at 317-233-0676 MAXIMUM ∠0.005 **2**0.01 *** NOTE: Read Instructions before completing this form 219 CODE NO DISCHARGE UNITS ***** ****** TELEPHONE MG/L MG/L MG/L 19) 19) 19) 473-3179 NUMBER 0 0 0 0 FREQUENCY SAMPLE 3/WEEK WEEKLY WEEKLY DAILY ONCE, ANALYSIS **≅** W Se DAY DATE *** COMP COMP COMP 24 CONTI RCOTO YEAR

ADDRESS

WHITING REFINERY

2815 INDIANAPOLIS BOULEVARD

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

MAJOR **EFFLUENT** F - FINAL

OMB No. 2040-0004 Approval Expires 05-31-98

Form Approved

DISCHARGE MONITORING REPORT (DMR)

IN0000108

BP PRODUCTS NORTH AMERICA INC.

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here)

WHITING, LAKE COUNTY INDUSTRIAL MAJOR

NAME/TITLE 00179 FACILITY COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here) 00560 꾼 CENTIGRADE LOCATION WHITING OIL & GREASE (FREON EXTR.-**EFFLUENT GROSS VALUE** 00400 EFFLUEN WASTE H CENTIGRAD EFFLUENT GROSS VALUE 00010 OIL & GRE EFFLUEN. 00560 IR METH)TOT,RC OIL & GREASE (FREON EXTR.-EFFLUENT GROSS VALUE NTAKE 00010 INTAKE FF R METH) 00560 IR METH)TOT,RC TEMPERATURE, WATER DEG. PARAMETER Dennis J. Seith EMPERATURE, WATER DEG. Business Unit Leader Authorized Agent: OR AUTHORIZED AGENT TYPED OR PRINTED **BP PRODUCTS NORTH AMERICA INC** ET VALUE DENNIS J. SEITH, WHITING **I STREAM** NCIPAL EXECUTVE REJECTION RATE RC REON EXTR.-T VALUE STREAM 0 0 0 OFFICER MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT KIEOUKIEKI NEW SMINE NEW PLANT MGR. SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE for knowing violations. submitting false information, including the possibility of fine or imprisonment accurate, and complete. I am aware that there are significant penalties for the information submitted is, to the best of my knowlege and belief, true, system, or those persons directly responsible for gathering the information, information submitted. Based on my inquiry of the persons who manage the designed to assure that qualified personnel properly gather and evaluate the prepared under my direction or supervision in accordance with a system I certify under penalty of law that this document and all attachments were AVERAGE 825 ****** QUANTITY OR LOADING MAXIMUM 943 PERMIT NUMBER S STINU MBTU/ ******* ****** ***** ***** ***** ***** 2 05) 丟 MONITORING PERIOD 2 MINIMUM 7.8 <u>ರ</u> DISCHARGE NUMBER SIGNATURE OF QUANTITY OR CONCENTRATION OFFICER OF AUTHORIZED AGENT 22 <u>₹</u> **1**0.4 AVERAGE **L**0.3 29 V O K 17 PRINCIPAL EXECUTIVE YEAR 2 For Any Questions call Jeff Ewick at 317-233-0676 MAXIMUM 0.4 19 0.6 & ω *** NOTE: Read Instructions before completing this form NO DISCHARGE SLIND (04) (19) DEG.C DEG.C ~ 94) (19) (19) TELEPHONE MG/L MG/L MG/L S 12) 473-3179 NUMBER $\overline{\circ}$ $\overline{\mathbb{Q}}$ 0 NO. FREQUENCY SAMPLE 0 0 0 5 TIMES/ 3/WEEK 3/WEEK 3/WEEK 3/WEEK MEEK 5 TIMES, ANALYSIS TIMES/ ⋚ ω DAY Z DATE CONTI GRAB GRAB CONT GRAB GRAB CONT: YEA

ADDRESS

WHITING REFINERY

2815 INDIANAPOLIS BOULEVARD

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR
F - FINAL
EFFLUENT

OMB No. 2040-0004 Approval Expires 05-31-98

Form Approved

1N0000108

BP PRODUCTS NORTH AMERICA INC.

INDUSTRIAL MAJOR, LAKE COUNTY

WHITING, LAKE COUNT

INDUSTRIAL MAJO

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here) NAME/TITLE PRINCIPAL EXECUTVE OFFICER znone FLOW, TOTAL 50060 00680 CARBON, TOT ORGANIC (TOC) CARBON, TOT ORGANIC (TOC) **EFFLUENT GROSS VALUE EFFLUENT GROSS VALUE** CHLORINE, TOTAL **EFFLUENT GROSS VALUE** CARBON EFFLUEN 00680 **EFFLUENT GROSS VALUE** 00680 FLOW, IN WONDUIT OR THRU TREATMENT PLANT LOCATION WHITING Authorized Agent: NTAKE F Business Unit Leader PARAMETER Dennis J. OR AUTHORIZED AGENT TYPED OR PRINTED M STREAM ET VALUE **DENNIS J. SEITH** Seith ORGANIC (TOC) RESIDUAL MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT MEASUREMENT NEOL REVIEW ZHOURREULENT NEW PROPERTY. STEVEN STATES OF THE STATES OF PLANT MGR SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE for knowing violations. submitting false information, including the possibility of fine or imprisonment accurate, and complete. I am aware that there are significant penalties for the information submitted is, to the best of my knowlege and belief, true; system, or those persons directly responsible for gathering the information, information submitted. Based on my inquiry of the persons who manage the designed to assure that qualified personnel properly gather and evaluate the prepared under my direction or supervision in accordance with a system I certify under penalty of law that this document and all attachments were AVERAGE QUANTITY OR LOADING MAXIMUM FROM 02 **M**O STINU ි ස ****** ***** MGAL 01 MGD 3R) ° 4 MINIMUM 7 SIGNATURE O OFFICER OR AUTHORIZED AGENT QUANTITY OR CONCENTRATION MO 22 AWG 40.04 **AVERAGE** 29 PRINCIPAL EXECUTIVE 0 YEAR 2 MAXIMUM **2**0.04 w *** NOTE: Read Instructions before completing this form 219 473-3179 NO DISCHARGE STIND (19) (19) ***** ****** (19) MG/L MG/L MG/L TELEPHONE MG/L 19) NUMBER 0 0 0 0 0 WEEK WEEKLY DAILY FREQUENCY SAMPLE HINOM ONCE, 5 TIMES/ TIMES ANALYSIS LIMES/ Ŵ **₹** DAY 36 DATE RCOTO GRAB GRAB CONT GRAB GRAI

NAME

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

F - FINAL EFFLUENT MAJOR

> OMB No. 2040-0004 Form Approved

Approval Expires 05-31-98

BP PRODUCTS NORTH AMERICA INC

ADDRESS

WHITING REFINERY

2815 INDIANAPOLIS BOULEVARD

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

For Any Questions call Jeff Ewick at 317-233-0676

IN0000108

BP PRODUCTS NORTH AMERICA INC

WHITING

INDUSTRIAL MAJOR, LAKE COUNTY

EPA FORM 3320-1 (08-95) Revised by Indiana (December 2003)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

Mail Preprinted Forms to IDEM (No Photo Copies) WHITING, LAKE COUNT INDUSTRIAL MAJOR Page

ADDRESS PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) WHITING REFINERY BP PRODUCTS NORTH AMERICA INC.

2815 INDIANAPOLIS BOULEVARD WHITING

LOCATION WHITING

BP PRODUCTS NORTH AMERICA INC 46394

FACILITY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING PA ORI (DMR)

PERMIT NUMBER 8010000NI

MO DAY YEAR MONITORING PERIOD MO DAY YEAR DISCHARGE NUMBER

MAJOR F - FINAL EFFLUENT

Form Approved
OMB No. 2040-0004
Approval Expires 05-31-98

For Any Questions call Jeff Ewick at 317-233-0676 ** NO DISCHARGE ***

COMMENTS AND EXPLANATION OF ANY VIOLATION (Paterance all attachments here)	TYPED OR BRINTED	Business Unit Leader	Dennis J. Seith	Authorized Agent:		NAME/TITLE PRINCIPAL EXECUTVE OFFICER	znone	>	znone		znone	7	znone	7	EFFLUENT GROSS VALUE	N, TOT ORGANIC (TOC)		H)TOT,RC	00400 1 0 0 EFFLUENT GROSS VALUE	PH	TARAMETER		ATTN: DENNIS J. SEITH,
IY VIOLATION (Paference all	for knowing violations	accurate, and complete.	the information submittee	information submitted. I	designed to assure that		AEQUINEDEN!	SAMPLE MEASUREMENT	REGAINE REGAINER	SAMPLE MEASUREMENT	MNEWENTOENS	SAMPLE MEASUREMENT	REGIONERAMENT	SAMPLE MEASUREMENT	REQUIRENTENT	SAMPLE ******* MEASUREMENT	REQUINEMENT	SAMPLE ******** MEASUREMENT	REGULATION I	SAMPLE ****** MEASUREMENT ******	AVERAGE	/ 	PLANT MGR.
attachments here)	subtlittilly laise thoritation, including the possibility of the or imprisorations	accurate, and complete. I am aware that there are significant penalties for	the information submitted is, to the best of my knowlege and belief, true,	information submitted. Based on my inquiry of the persons who manage the system or those persons directly responsible for pathering the information	designed to assure that qualified personnel properly gather and evaluate the	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system										***		**************************************		**	MAXIMUM	QUANTITY OR LOADING	FROM 02 01
OI TOE		*	belief, true,	who manage the	and evaluate the	hments were that system				-						*****		*******		7.9	UNITS MINIMUM		04 10 02
S YOUNG THOUSE TO YOUR	DEELCER OR ALITHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE	こと。マク	51		>									MO AVC TOWNS	33 33	MINTER SAVION	1.4 1.4	e Inviloration	7.9	AVERAGE MAXIMUM	QUANTITY OR CONCENTRATION	29 04
CODE	AREA NIMBER	MIVE 219 4/3-31/9	210 /22 2170		<u> </u>	TELEPHONE									(W)X	(19) 0	/ MIX	(19) 0	S.C.	(12) 0	UNITS		NOTE: Read instructions before completing this form
5	MO DAY YEAR	3 26 07	7			DATE								·	· · · · · · · · · · · · · · · · · · ·	WEEKLY GRAB		WEEKLY GRAB		WEEKLY GRAB	ANALYSIS	NO. FREQUENCY SAMPLE	fore completing this form

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here)

WHITING, LAKE COUNTY INDUSTRIAL MAJOR COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here) NAME/TITLE PRINCIPAL EXECUTVE OFFICER CARBON, TOT ORGANIC (TOC) znone znone znone znone **EFFLUENT GROSS VALUE EFFLUENT GROSS VALUE** 00400 00680 00560 IR METH)TOT,RC OIL & GREASE (FREON EXTR.-EFFLUENT GROSS VALUE **ADDRESS** A I N: LOCATION WHITING Business Unit Leader Dennis J. Seith Authorized Agent: PARAMETER OR AUTHORIZED AGENT TYPED OR PRINTED BP PRODUCTS NORTH AMERICA INC. WHITING REFINERY DENNIS J. SEITH, PLANT MGR. BP PRODUCTS NORTH AMERICA INC. **WHITING** 2815 INDIANAPOLIS BOULEVARD MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT ME(O) JIME (VIEW) MEASUREMENT MEASUREMENT [전투(O)U)[전략(V)투(V)] MEASUREMENT SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE 20240 SAMPLE SAMPLE the information submitted is, to the best of my knowlege and belief, true, system, or those persons directly responsible for gathering the information, designed to assure that qualified personnel properly gather and evaluate the I certify under penalty of law that this document and all attachments were for knowing violations. submitting false information, including the possibility of fine or imprisonment accurate, and complete. I am aware that there are significant penalties for information submitted. Based on my inquiry of the persons who manage the prepared under my direction or supervision in accordance with a system AVERAGE ****** QUANTITY OR LOADING MAXIMUM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) **** PERMIT NUMBER MO DISCHARGE MONITORING REPORT (DMR) 8010000NI STINU DAY | YEAR ***** MONITORING PERIOD 24 MINIMUM 8.0 <u></u> SIGNATURE OF DISCHARGE NUMBER OFFICER OR AUTHORIZED AGENT QUANTITY OR CONCENTRATION 02 MO DAY YEAR AVERAGE 22 RINCIPAL EXECUTIVE 2 For Any Questions call Jeff Ewick at 317-233-0676 DVANLEY IND. WE WILLIAM MAXIMUM 8.0 22 *** NO DISCHARGE NOTE: Read Instructions before completing this form F - FINAL EFFLUENT CODE 219,473-3179 STINO 12) TELEPHONE (19) (19) MG/L MG/L ဗ NUMBER · 0 0 0 OMB No. 2040-0004 Form Approved Approval Expires 05-31-98 WEEKLY FREQUENCY SAMPLE ONCE/ WEEKLY w ANALYSIS DAY DATE

GRAB

GRAB

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

MAJOR

INDUSTRIAL MAJOR, LAKE COUNTY

EPA FORM 3320-1 (08-95) Revised by Indiana (December 2003)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

Mail Preprinted Forms to IDEM (No Photo Copies) WHITING, LAKE COUNTY

INDUSTRIAL MAJOR

YEAR

Page

CERTIFIED OPERATOR: 219-437-5288 -MEANS NOT TESTED THIS DATE	HIGHEST VAL. LOWEST VAL. OVER LIMIT	AVERAGE	22 22 22 22 22 23 22 24 25 25 25 26 25 26 26 26 26 26 26 26 26 26 26 26 26 26	LIMITS: AVG MAX DATE	FREQUENCY PERMIT ACTUAL	PERMIT ACTUAL	
364.7 OR: 0	14.5 9.5	12.6	14.5 13.3 13.3 13.3 13.3 13.3 13.3 13.3 13	MG/D	CONT	CONT	IN0000108 OF FLOW Q50050
ario (4.9 1.1	2.2	1.8 2.5 2.5 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	mg/l	5/7 5/7	24 24	OUTFALL 001 BOD Q00310
	0 0 544 0	233	218 228 2207 200 195 144 180 155 155 173 173 182 185 185 193 357 459 544	4161 8164 LB/D	77	44	310
Q. 19115 B. 26730/04	34 62 34 72	47	53 82 52 54 57 58 58 58 58 58 58 58 58 58 58 58 58 58 58 58 58 58 58 58 58	mg/l	3 <i>1</i> 7	24 24	Feb-04 COD Q00340
6/30/04	5985 3364 0	4741	5941 5900 3686 3686 3962 3962 3364 4414 3796 5985	30323 58427 LB/D	77	44	
	7.8 7.4 0	7.7	7.7 7.7 7.8 7.8 7.8 7.8 7.7 7.7 7.7	6.5-9 pH	3/7	GRAB GRAB	FEB PROCESS WATER EFFLUENT PH TSS C00400 Q00547
	29.0 7.5	13.5	12.0 15.3 14.0 9.3 114.5 7.5 10.0 8.0 11.5 11.0 8.0 10.5 7.5 11.0 8.0 10.5 7.5 11.0 8.0 10.5 7.5 11.0 8.0 10.5 7.5 11.0 8.0 10.5 7.5 10.5 7.5 10.5 7.5 10.5 7.5 10.5 7.5 10.5 7.5 10.5 7.5 10.5 7.5 7.5 10.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7	mg/l	on on	A) A)	S WATER T: Q0
DATE: 3	3459 719 0	1438	1451 1761 1448 1032 1572 719 11112 813 1034 814 814 1128 1000 727 1095 826 826 826 1334 1424 2762 2513 3459	3646 5694 LB/D	5/7 5/7	24 24	ER EFFLUENT TSS Q00547
-19-	3.0 0.4	1.2	0.9 1.4 1.7 1.1 1.2 0.8 1.2 1.3 1.4 1.7 1.1 1.2 1.3 1.4 1.5 1.6 3.0	mg/l	on on	3/1	
EN KONI	238 42 0	123	104 145 155 184 126 128 148 98 124 81 117 117 116 117 173 173 173 173 173 173	1368 2600 LB/D	5/7 5/7	3/DAY 3/DAY	OIL Q00550
MENTAL E	2.94 <0.10	<0.31	2.35	mg/i	5/7 5/7	NN	NH3-N Q00610
NGINEER	233 0	<32	88 22 32 32 33 34 35 32 22 23	1030 2060 LB/D	77	24	3-N 0610
DATE: 3-19- DAKONMENTAL ENGINEER: Kulauk	0.02 0.02	0.02	0.02	mg/l		A. A.	SUL
lando	2.3 1.8 0	2.1	2.3	23.1 51.4 LB/D	1/7 1/7	24	SULFIDE Q00745

CERTIFIED OPERATOR: A A CERTIFIED OPERATOR: A A CERTIFIED OPERATOR: A CERTIFIED OPERATOR	HIGHEST VAL. LOWEST VAL. OVER LIMIT	AVERAGE	28 27 28 28 28 28 28 28 28 28 28 28 28 28 28	LIMITS: AVG. MAX. DATE	FREQUENCY PERMIT ACTUAL	SAMPLE TYPE PERMIT ACTUAL	PERMIT NO IN0000108 PARAMETER
\mathcal{L}	<0.005 <0.005	<0.005	40.005 40.005 40.005	mg/l	177	24	√ ₹
ania	<0.6 <0.5 0	<0.5		2.01 4.48 LB/D		ř	OUTFALL 001
	<0.01 <0.01	<0.01	0.04	mg/l	1/7	24 24 24	Feb-C
THE EXP. 06/30/04 "FECAL COLIFOR SANITARY SEWE	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7		23.90 68.53 LB/D		¥	Feb-04 HRM
) /30/04 DLIFORM A SEWERS /	0.01 <0.01	<0.01	40.01 40.01 40.01 40.01 40.01 40.01 40.01 40.01 40.01 40.01	mg/l	3/7 3/7	22 8	REB PHE B
DATE: W-/ ARE LIMITED F ARE DISCHAR	1.21 <0.91 0	<1.07	41.21 41.03 41.08 41.08 41.08 41.08 41.09 41.10 41.11	LB/D	77	24 24	PROCESS
THE SECTION DATE: $3-19-04$ AUTHORIZED AGENT: $4.000000000000000000000000000000000000$				ug/l LB/D	2/YR 2/YR	24 24 24	FEB PROCESS WATER EFFLUENT PHENOL SELENIUM
ORIZED AG OCT. 1 WHE WWTP.	0.74 0.35	0.56	0.62 0.74 0.74 0.62 0.62 0.62 0.50	MG/L	 2/7	24	ORTHO-P
ENT : X	0	0		200 400 COLONIES	5/7 5/7	GRAB	FECAL C.
Le Od Ham							

			·					
CERTIFIED OPERATOR: OF CONTROL XI, WELLING BY 6/30/04 -MEANS NOT TESTED THIS DATE 219-473-5298	HIGHEST VAL LOWEST VAL OVER LIMIT TOTAL	AVERAGE	22 22 23 25 24 25 25 25 26 26 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28	LIMITS: AVG. MAX. DATE	FREQUENCY PERMIT ACTUAL	SAMPLE TYPE PERMIT ACTUAL	PERMIT NO PARAMETER	
PERATOR:	91.5 78.8 0 2458.4	84.8	83.3 83.8 85.8 87.9 86.5 84.3 86.5 84.7 87.2 87.2 87.0 87.0 88.1 87.0 88.3 88.3 89.3 89.3 89.3 89.3 89.3 89.3	MG/D	CONT	CONT	FLOW FLOW	
HIS DATE	4.4	7	Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ	DEG C	5/7 CONT	CONT	8 OUTF,	
sa	. 19	17	33333776677776677777777777777777777777	DEG C	5/7 CONT	CONT	IN-TEMP OUT-TEMP	
Z.	0.943	0.825	0.885 0.990 0.911 0.934 0.865 0.926 0.933 0.926 0.933 0.934 0.920 0.927 0.927 0.933 0.763 0.763 0.652 0.652 0.652 0.652 0.652 0.652 0.652 0.652 0.652 0.652 0.652 0.652 0.652 0.652 0.652	1.70 2.00 GBTU/HR	5/7 CONT	CONT	71	
219-473-	8.3 7.8 0	8 2		7-9 PH	3/7	GRAB GRAB	PH FEB	
6/30/04 5298	0.4 <0.3	<0.3		mg/l	3/7 3/7	GRAB GRAB	IN-OIL	
	0.6 <0.3	<0. 4	0.5 0.6 0.6 0.6 0.6 0.6 0.3 0.3 0.3	mg/l	3/7 3/7	GRAB GRAB	FEB COOLING WATER EFFLUENT IN-OIL OUT-OIL DELT COOKED	
DATE: W	o 6.4 0.3	^ 0.3	0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	5 mg/l	3/7 5/7	GRAB GRAB	DELTA OIL	į
-14-0	, N w	N		mg/l	5/7 5/7		IN-TOC	
FINVIRO	Nω	ယ		mg/l	5/7 5/7	GRAB GRAB	OUT-TOC	
NMENTAL E	00-	0		mg/l	5/7 5/7	GRAB GRAB	DELTA-TOO	
DATE: 3-19-0 FINVIRONMENTAL ENGINEER: 1/6	0.0.4 0 .4	<0.04		.05 mg/l	17	GRAB GRAB	DELTA-TOC RESID-CL	
de la	,							
	71							
	•		•					

PERMIT NO. IN0000108 Feb-04 FEB STORM WATER RUNOFF

----OUTFALL 003----

*** NOTE: TO BE SAMPLED AFTER EACH RAIN EVENT IF DISCHARGE OCCURS - ONCE PER WEEK

CERTIFIED OPERATOR:	HIGHEST VAL. LOWEST VAL. OVER LIMIT	AVERAGE	DATA	PARAMETER CODE:
\mathcal{Z}			2000 100 100 100 100 100 100 100 100 100	MAX
1 p. Olen	7.9 7.9 0	7.9	7.9	pH C00400
	1.4 0	1.4	mg/1	OIL C00550
phone.	o 333	33	mg/l mg/l a	TOC C00680
NO. 14118 6/30/04 473-5298			closed cl	

DATE: 3-19-0 ENVIRONMENTAL ENGINEER:

PERMIT NO. IN0000108 Feb-04

FEB STORM WATER RUNOFF

----OUTFALL 004----

*** NOTE: TO BE SAMPLED AFTER EACH RAIN EVENT IF DISCHARGE OCCURS - ONCE PER WEEK

HIGHEST VAL. LOWEST VAL. OVER LIMIT	AVERAGE																														DATA	בוועון	PARAMETER CODE:
		29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	ಪ	12	<u>-</u>	10	9	8	7	G	თ	4	ω	2	ب (<u> </u>	S
0 0 0 0	8.0							8.0						***************************************																******		0	C00400
0 1.0 0	1.0				*****		******	1.0						1							1				***************************************						mg/l	5	OIL C00550
0 222	22						1	22	-							****														************	mg/l	-	TOC C00680
		closed	closed	closed	closed	closed	open	open	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed			
																															-		

NO. 14118 exp. 6/30/04 Tel. 473-5298

CERTIFIED OPERATOR: David J. Olen

DATE: 3-19-0 ENVIRONMENTAL ENGINEER:

bp

Dennis J. Seith

Direct 219 473 3179 Fax 219 473 3504 Mobile 219 545 5297

seithdj@bp.com

Business Unit Leader Whiting Business Unit



BP Products North America Inc 2815 Indianapolis Boulevard Whiting, IN 46394-0710

CERTIFIED MAIL RETURN RECEIPT REQUESTED March 25, 2004

Indiana Department of Environmental Management OWQ Data Management Section 100 North Senate Avenue P.O. Box 6015 Indianapolis, IN 46206-6015

NPDES Permit No. 0000108, Serials 001, 002, 003, and 004

Effluent quality data and Discharge Monitoring Report forms from the BP Products North America Inc. - Whiting Business Unit for the month of February 2004, are attached. Effluent quality from the wastewater treatment plant for the month was excellent. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions or need any additional information, please contact R. A. Harris at (219) 473-3321.

Sincerely

Dennis J. Seith

Business Unit Leader

Attachments

Indiana Department of Environmental Management March 25, 2004 Page 2

bcc:

R. L. Garibay, Advent; Rosslyn, VA

R. A. Harris, Mail Code 122 R. R. Moore, Mail Code 201 J. P. Morrison, Mail Code 220 D. J. Olen, Mail Code 220

R. M. Saielli, Mail Code 2206, Chicago

E-File: I:\Environmental\Water\Wat_DMR\BlankForms\DMR_Cov.doc

File: WAT-DMR/2004

ADDRESS RERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) 00310 BOD, 5-DAY ATTN: OXYGEN DEMAND, CHEM **EFFLUENT GROSS VALUE LOCATION WHITING EFFLUENT GROSS VALUE** 00400 **EFFLUENT GROSS VALUE** 00335 (LOW LEVEL) (COD) NAME/TITLE PRINCIPAL EXECUTVE OFFICER **EFFLUENT GROSS VALUE** OIL & GREASE (FREON EXTR.-**EFFLUENT GROSS VALUE** SUSPENDED SOLIDS, TOTAL **EFFLUENT GROSS VALUE** SULFIDE, TOTAL **EFFLUENT GROSS VALUE** 00610 (AS N) 00560 IR METH)TOT,RC 00530 NITROGEN, AMMONIA TOTAL **PARAMETER** Dennis J. Seith Authorized Agent: OR AUTHORIZED AGENT WHITING REFINERY BP PRODUCTS NORTH AMERICA INC BP PRODUCTS NORTH AMERICA INC. 2815 INDIANAPOLIS BOULEVARD DENNIS J. SEITH, PLANT MGR. WHITING 0 (20 DEG. C) 0 (ASS) MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT ANOUNCE OF THE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE the information submitted is, to the best of my knowlege and belief, true, system, or those persons directly responsible for gathering the information, information submitted. Based on my inquiry of the persons who manage the designed to assure that qualified personnel properly gather and evaluate the prepared under my direction or supervision in accordance with a system certify under penalty of law that this document and all attachments were AVERAGE 2221 271 146 QUANTITY OR LOADING MAXIMUM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) MAJOR 4122 574 271 4.9 ∞ PERMIT NUMBER NO IN0000108 (26) LBS/DY LBS/DY LBS/DY UNITS DAY YEAR LBS/DY (26) ***** LBS/DY _BS/DY 26) 26) 26 26) MONITORING PERIOD 2 MINIMUM <mark></mark> DISCHARGE NUMBER <u>₹</u>

DISCHARGE MONITORING REPORT (DMR)

EFFLUENT F-FINAL

14 Policy Abbrohed OMB No. 2040-0004

Approval Expires 05-31-98

DAY

YEAR

AVERAGE

24

QUANTITY OR CONCENTRATION RINCIPAL EXECUTIVE 219 For Any Questions call Jeff Ewick at 317-233-0676 MAXIMUM 36.04.8 7.9 2.2 0.04 1.85 *** NO DISCHARGE NOTE: Read Instructions before completing this form COREA COREA SLIND (19) MG/L MG/L MG/L MG/L MG/L MG/L TELEPHONE 12) 19) S 19) 19 19) 19) 473-3179 NUMBER NO.] FREQUENCY SAMPLI 0 0 0 0 3/WEEK WEEK WEEK WEEK-DAY 5 MEEK 3/WEEK 5 TIMES, Λ TXEEMANALYSIS TIMES/ TIMES/ **₹** DAY S DATE COMP, COMI COM COMP GRAE TYPE SOMP GRA.

19.5

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here) TYPED OR PRINTED

submitting false information, including the possibility of fine or imprisonment accurate, and complete. I am aware that there are significant penalties for

SIGNATURE OF

0.03

0.19

<u>၊</u>

OFFICER OR AUTHORIZED AGENT

for knowing violations.

Business Unit Leader

WHITING, LAKE COUN INDUSTRIAL MAJO

Mail Preprinted Forms to IDEM (No Photo Copies)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) BP PRODUCTS NORTH AMERICA INC.

ADDRESS WHITING REFINERY

2815 INDIANAPOLIS BOULEVARD

46394

WHITING

LOCATION WHITING BP PRODUCTS NORTH AMERICA INC.

DENNIS J. SEITH, PLANT MGR.

01034

0

0

EFFLUENT GROSS VALUE

RECOVERABLE

0

MEASUREMENT

L1.17

1.43

26

LBS/DY

SAMPLE

PHENOLICS, TOTAL

CHROMIUM, TOTAL **EFFLUENT GROSS VALUE**

(AS

MEASUREMENT

~1.1

*L*1.2

LBS/DY

26

SAMPLE

01032

(AS CR)

CHROMIUM, HEXAVALENT

SAMPLE MEASUREMENT

10.5

20.6

26)

LBS/DY

AVERAGE

MAXIMUM

STINU

QUANTITY OR LOADING FROM

OM 9

YEAR 24

<u>₹</u>

PARAMETER

DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER N0000108 001A

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

MONITORING PERIOD DISCHARGE NUMBER

> F - FINAL MAJOR

OMB No. 2040-0004 Approval Expires 05-31-98 Form Approved

For Any Questions call Jeff Ewick at 317-233-0676 NO DISCHARGE

YEAR

DAY YE	MO D	NUMBER	AREA NU	—	OFFICER OR AUTHORIZED AGENT	OFFICE	ž	l nent
20	<i>Q</i>	473-3179	219,473	AL EXECUTIVE	SIGNATURE OF PRINCIPAL EXECUTIVE	SIGNATION	e the for	q, 3 e e -
DATE		ONE	TELEPHONE					, u,
				7				
								
RCOTO	ONCE/ MONTH	OMO NO		*****	***********	**	***** *****	1 1

CONTI	DAILY	0 DA		*****	****	***	*****	
		77.77	MG/L	RANGE OF STREET	PEPORT			
COMP 24	/WEEK	0 3/1	(19)	0.01	Z0.01	***	*****	
			MG/L		(a)(-)			
COMP 24	WEEKLY	0 WEI	(19)	∠0.01	L 0.01	**	*****	
			MG/L	TO PARTY OF THE PA				
24	WEEKLI	0 WEI	(19)	∠0.005	20.005		******	
-	ANALYSIS	>	STINU	MAXIMUM	AVERAGE	MUM	MINIMUM	
SAMPLI	FREQUENCY OF			CENTRATION	QUANTITY OR CONCENTRATION	QUAN	ŀ	
g this form	completing	tions before	NOTE: Read Instructions before completing this form	NOTE:	31 04	9	리 링	٦

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here) TYPED OR PRINTED

for knowing violations.

submitting false information, including the possibility of fine or imprisonment accurate, and complete. I am aware that there are significant penalties for the information submitted is, to the best of my knowlege and belief, true, information submitted. Based on my inquiry of the persons who manage the

system, or those persons directly responsible for gathering the information,

Business Unit Leader Dennis J. Seith Authorized Agent: NAME/TITLE PRINCIPAL EXECUTVE OFFICER

OR AUTHORIZED AGENT

znone

MEASUREMENT

SAMPLE

I certify under penalty of law that this document and all attachments were designed to assure that qualified personnel properly gather and evaluate the

prepared under my direction or supervision in accordance with a system

EFFLUENT GROSS VALUE

MEASUREMENT

SAMPLE

znone

82220

0

MEASUREMENT

SAMPLE

MGD င္သ

431.4

(3R)

MGAL

EFFLUENT GROSS VALUE

FLOW, TOTAL

50050

0

FLOW, IN CONDUIT OR THRU **EFFLUENT GROSS VALUE**

TREATMENT PLANT

MEASUREMENT

SAMPLE

I NEW JEWN

WHITING, LAKE COUN INDUSTRIAL MAJO

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) NAME/TITLE PRINCIPAL EXECUTVE OFFICER **EFFLUENT GROSS VALUE** 모 00179 **EFFLUENT GROSS VALUE** CENTIGRADE LOCATION WHITING **ADDRESS EFFLUENT GROSS VALUE** OIL & GREASE (FREON EXTR.-00400 EFFLUEN. WASTE HE INTAKE FR 00010 CENTIGRAD 00010 ATE: **EFFLUENT** OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 IR METH) 00560 IR METH)TOL OIL & GRE TEMPERATURE, WATER DEG. TEMPERATURE, WÂTER DEG. PARAMETER NTAKE FR Authorized Agent: Business Unit Leader Dennis J. Seith OR AUTHORIZED AGENT BP PRODUCTS NORTH AMERICA INC 2815 INDIANAPOLIS BOULEVARD WHITING REFINERY 1 BP PRODUCTS NORTH AMERICA INC. DENNIS J. SEITH, WHITING STREAM R T VALUE STREAM (FREON EXTR.-RC REJECTION RATE VALUE 0 0 MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT CALCULATION OF THE SHOUNDAINEN. PLANT MGR. SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE 10 m I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system submitting false information, including the possibility of fine or imprisonment accurate, and complete. I am aware that there are significant penalties for the information submitted is, to the best of my knowlege and belief, true, system, or those persons directly responsible for gathering the information, information submitted. Based on my inquiry of the persons who manage the designed to assure that qualified personnel properly gather and evaluate the AVERAGE ****** 918 QUANTITY OR LOADING MAXIMUM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) 1001PERMIT NUMBER S DISCHARGE MONITORING REPORT (DMR) 100000108 UNITS MBTU/ ***** ****** 05) MONITORING PERIOD 2 MINIMUM る DISCHARGE NUMBER SIGNATURE OF PRINCIPAL EXECUTIVE QUANTITY OR CONCENTRATION <u>₹</u> DAY AVERAGE 10.4 **1**0.3 **^**0.3 0 18 YEAR For Any Questions call Jeff Ewick at 317-233-0676 MAXIMUM **えびなって** 0.7 0.4 20 2 *** NO DISCHARGE NOTE: Read Instructions before completing this form EFFLUENT F - FINAL MAJOR 219 J473-3179 AREA CODE SLINN (04) 2 2 0 DEG.C DEG.C ***** MG/L TELEPHONE MG/L MG/L 19) S 19) 19) 12) 0 0 \mathbb{Z} NO. FREQUENCY SAMPL 0 OMB No. 2040-0004 Approval Expires 05-31-98 Form Approved WEEK 3/WEEK WEEK B/WEEK 3/WEEK WEEK 3/WEEK 5 TIMES/CONTI ANALYSIS /SHWIT TIMES/CONT ع

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here)

tor knowing violations.

OFFICER OR AUTHORIZED AGENT

NUMBER

SO

DAY

DATE

GRAB

GRAB

GRAB

CONT

GKAL

TYPED OR PRINTED

WHITING, LAKE COUN INDUSTRIAL MAJO